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### 1. Simulation and animation of sensor-driven robots

ChuXin Chen; Trivedi, M.M.; Bidlack, C.R.; Robotics and Automation, IEEE Transactions on Volume 10, Issue 5, Oct. 1994 Page(s):684 - 704

HEEE JNL

## 2. Calibrated virtual reality supported by stereo vision in intelligent robot control system

Toth, E.; Tel, F.;

Industrial Electronics, 1999. ISIE '99. Proceedings of the IEEE International Symposium on Volume 1, 12-16 July 1999 Page(s):287 - 292 vol.1

IEEE ONF

### 3. Virtual environments for robotics education: an extensible object-oriented platform

Demetriou, G.A.; Lambert, A.H.;

Robotics & Automation Magazine, IEEE

Volume 12, Issue 4, Dec. 2005 Page(s):75 - 91

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### 4. Systems approach to robotics and automation

Freund, E.; Rossmann, J.;

Robotics and Automation, 1995. Proceedings., 1995 IEEE International Conference on

Volume 1, 21-27 May 1995 Page(s):3 - 14 vol.1

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### 5. Developing telerobotic systems using virtual reality concepts

Trivedi, M.M.; Chen, C.X.;

Intelligent Robots and Systems '93, IROS '93. Proceedings of the 1993 IEEE/RSJ International Conference on Volume 1, 26-30 July 1993 Page(s):352 - 359 vol.1

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### 6. Internet-Based Teaching and Experiment System for Control Engineering Course

Min Wu; Jin-Hua She; Gui-Xiu Zeng; Ohyama, Y.; Industrial Electronics, IEEE Transactions on

Volume 55, Issue 6, June 2008 Page(s):2386 - 2396

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## 7. Hybrid Educational Strategy for a Laboratory Course on Cognitive Robotics

Buiu, C.;

Education, IEEE Transactions on

Volume 51, Issue 1, Feb. 2008 Page(s):100 - 107

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### 8. Real-time control of robot manipulators in the presence of obstacles

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Volume 4, Issue 6, Dec. 1988 Page(s):687 - 698

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# 9. A Case Study on Programming Intelligent Swarm Robots Using Pyro Environment and Player/Stage Simulator

Byung-Jun Lee; Jeong-Hoon Ji; Gyun Woo;

Convergence and Hybrid Information Technology, 2008. ICHIT '08. International Conference on 28-30 Aug. 2008 Page(s):3 - 6

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## 10. Teleoperation System of the Internet-based Omnidirectional Mobile Robot with A Mounted Manipulator

Dawei Wang; Jianqiang Yi; Dongbin Zhao; Guosheng Yang;

Mechatronics and Automation, 2007. ICMA 2007. International Conference on

5-8 Aug. 2007 Page(s):1799 - 1804

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# 11. Exploiting force feedback in pilot training and control of an underwater robotics vehicle: an implementation in LabVIEW

Xunzhang Wang; Seet, G.G.L.; Lau, M.W.S.; Low, E.; Tan, K.C.;

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Volume 3, 11-14 Sept. 2000 Page(s):2037 - 2042 vol.3

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## 12. Proceedings. 1998 IEEE International Conference on Robotics and Automation (Cat. No.98CH36146)

Robotics and Automation, 1998. Proceedings. 1998 IEEE International Conference on

Volume 1, 16-20 May 1998

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# 13. Improving on the use of industrial CAD and simulation packages in teaching automation and robotics

Sanders, D.A.;

Electronic CADMAT in Teaching, IEE Colloquium on

17 Jun 1991 Page(s):7/1 - 7/5

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# 14. Robustly Stable Adaptive Control of a Tandem of Master–Slave Robotic Manipulators With Force Reflection by Using a Multiestimation Scheme

Ibeas, A.; De La Sen, M.;

Systems, Man, and Cybernetics, Part B, IEEE Transactions on

Volume 36, Issue 5, Oct. 2006 Page(s):1162 - 1179

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### 15. Platform-based embedded software design and system integration for autonomous vehicles

Horowitz, B.; Liebman, J.; Ma, C.; Koo, T.J.; Sangiovanni-Vincentelli, A.; Sastry, S.S.;

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Volume 91, Issue 1, Jan. 2003 Page(s):198 - 211

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Koivo, A.J.; Houshangi, N.;

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### 18. XAnimate: an educational tool for robot graphical simulation

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### 19. Dynamic sensor-based control of robots with visual feedback

Weiss, L.; Sanderson, A.; Neuman, C.;

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Volume 3, Issue 5, Oct 1987 Page(s):404 - 417

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### 20. A Distributed Control and Simulation System for Dual Arm Mobile Robot

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# 21. SICE '99. Proceedings of the 38th SICE Annual Conference. International Session Papers (IEEE Cat. No.99TH8456)

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### 22. An approach to robot off-line programming and simulation for flexible manufacturing systems

Boopathy, S.; Radhakrishnan, V.;

Industrial Automation and Control, 1995 (I A & C'95), IEEE/IAS International Conference on (Cat. No.95TH8005)

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### 23. A study of simulation and collision detection techniques of flexible manufacturing cells

Fu Yili; Ma Yulin; Ma Yunhui; Zao Chunxia; Wang Shuguo; Cai Hegao;

Industrial Technology, 1994. Proceedings of the IEEE International Conference on 5-9 Dec. 1994 Page(s):322 - 324

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